

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... FEB 5 1988

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... FEB 5 1988

The applicant..... AMOR II CORPORATION

500 DERMODY WAY, of SPARKS,
Street and No. or P.O. Box No. City or Town

NEVADA 89431, hereby make.... application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)..... INCORPORATED IN STATE OF DELAWARE, APRIL 20, 1987

1. The source of the proposed appropriation is..... UNDERGROUND (WELL NO. 53-21)
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is..... 5.2.....second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....

3. The water to be used for..... INDUSTRIAL (SEE NO. 12)
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated.....

(b) Stockwater, state number and kinds of animals to be watered.....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point..... SW $\frac{1}{4}$ NE $\frac{1}{4}$ SECTION 21 T.29N., R.23E.,
Describe as being within a 40-acre subdivision of public
MDB&M OR AT A POINT FROM WHICH THE NE CORNER OF SAID SECTION 21 BEARS N 59° 53'
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
37" E, 2751.1 FEET

6. Place of use..... SE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTION 21 T.29N., R.23E., MDB&M
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about..... JANUARY 1.....and end about..... DECEMBER 31....., of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.).....
State manner in which water is to be diverted, i.e. diversion structure, ditches and
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works..... \$200,000.00

10. Estimated time required to construct works.....45 DAYS
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use.....180 DAYS
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

THIS APPLICATION IS MADE TO PROVIDE PRODUCTION WATER AND COOLING WATER FOR A GEOTHERMAL POWER PLANT IN WASHOE COUNTY. WATER FROM THIS WELL WILL BE COMMINGLED WITH OTHER GEOTHERMAL WELLS AND FED THROUGH THE PLANT AND ITS COOLING SYSTEM. THE ESTIMATED WITHDRAWL FROM THIS WELL IS 2300 GPM. A PORTION OF THE FLUIDS WILL BE INJECTED (RETURNED TO THE GEOTHERMAL RESOURCE) THAT PORTION WILL BE DETERMINED AT A LATER DATE

By s/Daniel N. Schochet
DANIEL N. SCHOCHET, AUTHORIZED AGENT
500 DERMODY WAY
SPARKS, NEVADA 89431

Compared.....pm/jm.....pm/se

Protested.....5-6-88 by Pyramid Lake Paiute Tribe
Pro. wdr. 09-26-88

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion. (CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....5.2.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....December 21, 1988

Proof of completion of work shall be filed on or before.....January 21, 1989

Application of water to beneficial use shall be made on or before.....December 21, 1991

Proof of the application of water to beneficial use shall be filed on or before.....January 21, 1992

Map in support of proof of beneficial use shall be filed on or before.....N/A

Completion of work filed.....OCT 18 1989.....IN TESTIMONY WHEREOF, I.....PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of my
Proof of beneficial use filed.....office, this.....29th.....day of.....November.....
Cultural map filed.....A.D. 19.....88.....
Certificate No.....Issued.....

[Signature]
State Engineer

(O)-5314 (Rev.) APR 28 1992
CANCELED BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
[Signature] STATE ENGINEER

(PERMIT TERMS CONTINUED)

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 3764 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system. The total combined consumptive use allowed under Permits 50309, 51322, 51323 and 51816 shall not exceed 2013 acre-feet annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.